

In the Specification:

On page 3, between lines 8 and 9, please insert new paragraph:

Fig. 9 is a 3-D cross-sectional view of the third embodiment of the invention.

On page 5, please replace the paragraph beginning at the last line to page 6, last line, with the following amended paragraph:

Although the invention has been described with reference to specific embodiments, this description is not meant to be construed in a limiting sense. Various modifications of the disclosed embodiments as well as alternative embodiments, will be apparent to persons skilled in the art. For example, the main ink supply channel can be moved to the side of the silicon substrate. The upper and lower sides of the first barrier layer 20 can be each provided with a second barrier layer, forming a pair of auxiliary ink supply channels 41 and thus providing a larger cross section for ink flow in the vertical direction, as shown in Fig. 9. This can further reduce the pressure drop along the ink path and increase the ink supply speed and ejection frequency. It is, therefore, contemplated that the

appended claims will cover all modifications that fall within the true scope of the invention.

In the Drawings:

Please insert new Figure 9 which shows the invention described in claim 7.